



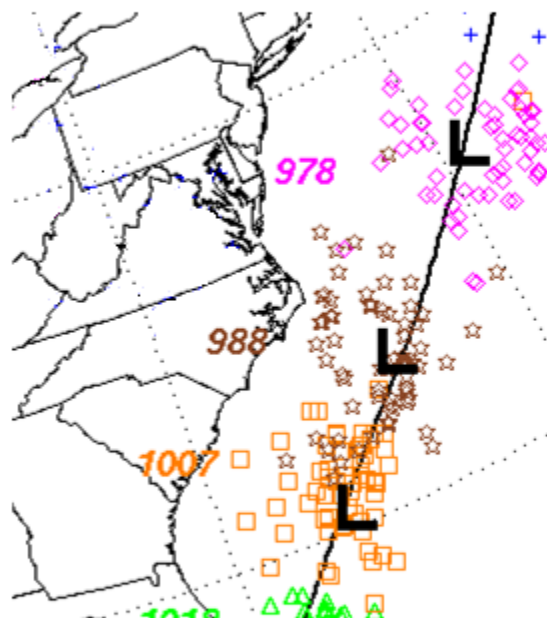
Winter Weather Briefing for Central North Carolina

Covering the period late tonight through the daytime
Sunday - February 7, 2016

NWS Raleigh, NC

Briefing issued at 7:30 PM Saturday February 6, 2016

A low pressure system moving along the East Coast will bring a period of rain mixing with snow tonight to southeastern parts of the area, before ending as rain Sunday afternoon. Light accumulations are possible.



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 ○=F12 Valid 12Z 02/06
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 □=F36 Valid 12Z 02/07
 ☆=F48 Valid 00Z 02/08
 ◇=F60 Valid 12Z 02/08
 +=F72 Valid 00Z 02/09

LOW TRACKS AND CLUSTERS
 WPC PREFERRED TRACKS IN BLACK
 ISSUED: 0811Z FEB 06 2016
 VALID 00Z SAT FEB 06
 THRU 00Z TUE FEB 09
 FCSTR: KOCIN
 DOC/NOAA/NWS/NCEP/WPC



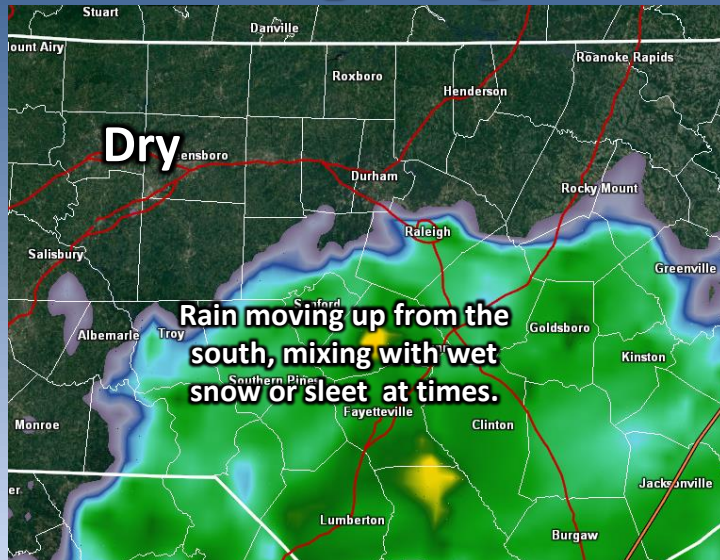
Possible Scenarios

Like many of the winter weather systems we see here in central North Carolina, temperatures will be marginal for wintry precipitation (meaning precip type, rain versus snow, can go either way); so this forecast is particularly challenging. As such, below we present 3 possible outcomes: the least-impact case scenario, a worst case scenario, and the scenario that we think is mostly likely to happen based on current information.

- **Least-impact scenario:** Low pressure stays far enough offshore that central NC sees little or no rain or snow – and/or – it's warm enough for mostly rain with a few wet snow flakes mixing in at time. No impacts to travel. Our probability of this happening is about 20%.
- **Worst case scenario:** Low pressure remains closer to the coast (meaning more precip amounts), and the atmosphere remains just cold enough such that precip falls mostly as wet snow early Sunday morning through mid-day Sunday, before ending as just rain in the afternoon. In this worst-case scenario, some places east of US-1, particularly the coastal plain region and the I-95 corridor, could see several inches of wet slushy snow that could impact travel, especially bridges and overpasses. Our probability of this happening is about 20%.
- **The scenario that we think is mostly likely to happen based on current information:** Rain moves in from south to north overnight, then mixes with wet snow at times. A mix of rain and snow continues during the morning Sunday, before ending as just plain rain during the afternoon. When precip rates become intense, it will fall mostly as wet snow, but when the intensity lightens up, it falls mostly as light rain. In this situation, there would be little or no impacts to travel, and any light accumulations (generally an inch or less) would be confined mostly to the grass and elevated surfaces (like trees and your car). Our probability of this scenario happening is about 60%.

Precipitation Type and Timing for our Mostly Likely Scenario

Overnight tonight



6-9 AM Sunday



If snow comes down hard, even for a brief time, a quick coating to perhaps up to an inch of wet slushy snow accumulation is possible. Any accumulation will disappear in the afternoon.

Mid-day Sunday



Late afternoon Sunday



For details for your specific area, including all watches, warnings, and advisories...For details for your specific area, including all watches, warnings, and advisories...

Please refer to the following sites:

- Northeast NC: <http://weather.gov/akq>
- Eastern NC: <http://weather.gov/mhx>
- Southeast NC: <http://weather.gov/ilm>
- Central NC: <http://weather.gov/rah>
- Northwest NC (& mountains): <http://weather.gov/rnk>
- Southwest NC (& mountains): <http://weather.gov/gsp>
- Cherokee and Clay Counties: <http://weather.gov/mrx>

For specific hour-by-hour forecast details and trends for your exact location, please visit
<http://forecast.weather.gov/gridpoint.php?site=rah&TypeDefault=graphical>

This link will include hour-by-hour forecasts for temperature, wind, wind gusts, wind chill, precipitation chance, etc.